



BLAZE

Y-Strainer

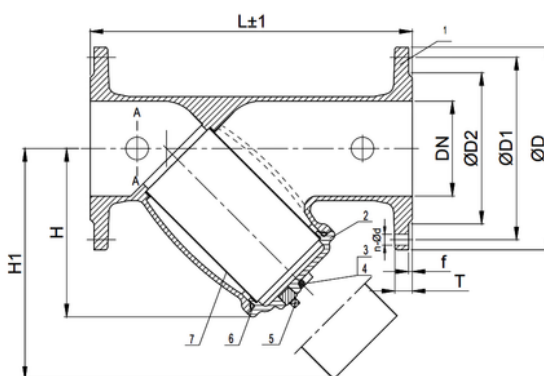
Model : BT 1415

Description:

The Y-Strainer is designed to protect critical system components by filtering out debris and suspended solids from pipelines. Featuring a robust ductile iron body and stainless-steel 304 screen, it provides reliable filtration and corrosion resistance for potable water, HVAC, plumbing and industrial systems. Its compact Y-pattern design helps minimise pressure loss, while the drain plug allows easy flushing and maintenance. Suitable for horizontal and vertical installation, with PN16 flanged connections and sizes from 2" to 16".

Specifications :

Size	2" to 16" (DN50 to DN400)
Working Pressure	233 psi (16 Bar)
Design Standard	BS EN 12334
Approvals	WRAS Approved
End Connection	Flange Ends PN 16
Coating	Fusion Bonded Epoxy (FBE), RAL 5015 (Blue)



Applications :

- Potable Water Distribution Systems
- HVAC and Plumbing Networks
- Pump and Valve Protection
- Industrial Process Lines
- Water Treatment Plants

Dimensions:

Order Code	DN	Inch	L (mm)	H (mm)	H1 (mm)	ØD (mm)	ØD1 (mm)	ØD2 (mm)	f (mm)	T (mm)	n-Ød
BT-1415-050-RF	50	2"	230±2	110	165	165	125	99	3	19	4-Ø19
BT-1415-065-RF	65	2 ½"	290±3	135	205	185	145	118	3	19	4-Ø19
BT-1415-080-RF	80	3"	310±3	155	230	200	160	132	3	19	8-Ø19
BT-1415-100-RF	100	4"	350±3	190	295	220	180	156	3	19	8-Ø19
BT-1415-125-RF	125	5"	400±3	255	350	250	210	184	3	19	8-Ø19
BT-1415-150-RF	150	6"	480±3	290	400	285	240	211	3	19	8-Ø23
BT-1415-200-RF	200	8"	600±4	335	510	340	295	266	3	20	12-Ø23
BT-1415-250-RF	250	10"	730±4	428	665	405	355	319	3	22	12-Ø28
BT-1415-300-RF	300	12"	850±5	470	745	460	410	370	4	24.5	12-Ø28
BT-1415-350-RF	350	14"	980	625	940	520	470	429	4	26.5	16-Ø28
BT-1415-400-RF	400	16"	1100	686	1230	580	525	480	4	28	16-Ø31

Note: All dimensions are for informational purposes only. Final details should be verified with the approved technical drawings. Dimensional details for valves above 12" size are available upon request. Cv is the flow rate of water in US gallons per minute of 60°F water, which passes through the valve with 1psi pressure drop across the valve.

BLAZETECH SYSTEMS LTD.



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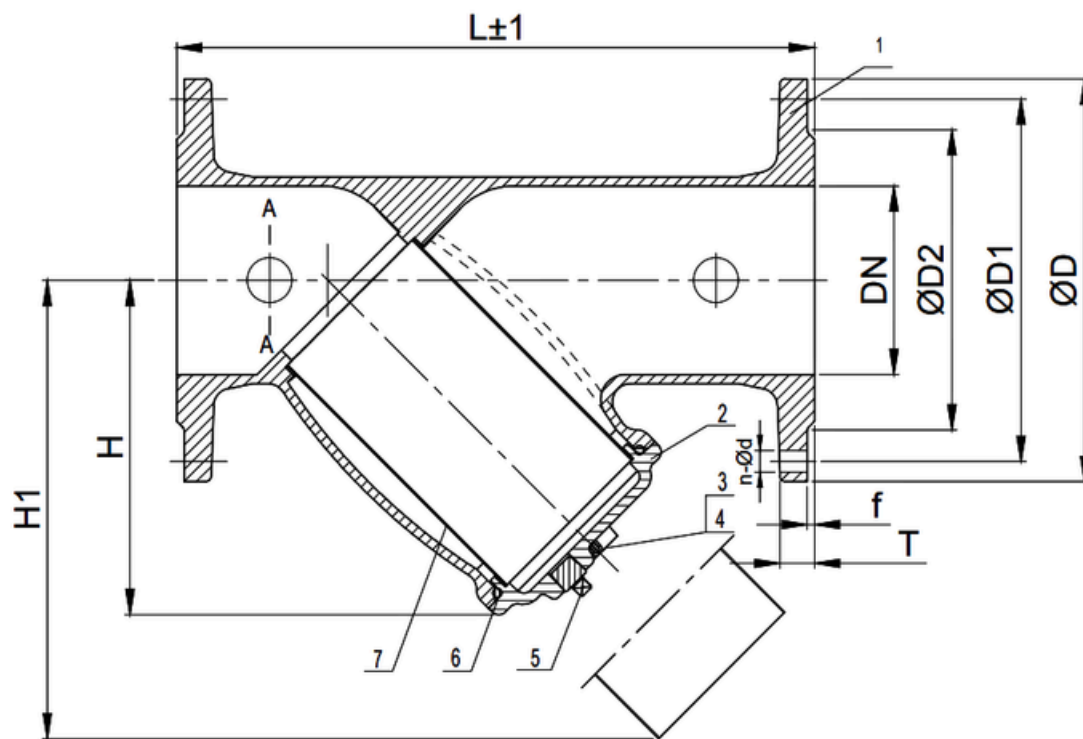
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Y-Pattern Strainer

Model : BT 1415



Material Specification :

Item	Name	Material
1	Body	Ductile Iron BS EN 1563 EN-GJS-400
2	Bonnet	Ductile Iron BS EN 1563 EN-GJS-400
3	Hex Bolt	Carbon Steel Galvanized EN 10083-2 C45
4	Hexagon Nut	Carbon Steel Galvanized EN 10083-2 C45
5	Square Plug	Stainless Steel BS EN 10088 X5CrNi18-10
6	O-Ring	WRAS EPDM
7	Screen	Stainless Steel BS EN 10088 X5CrNi18-10
8	Square Plug	Stainless Steel BS EN 10088 X5CrNi18-10

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